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## (54) SUPPORT FOR A FLEXIBLE DISPLAY

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(58) Field of Classification Search

CPC ...... G06F 1/1616; H05K 5/02 USPC ............... 361/679.27, 679.02, 679.3; 345/156 See application file for complete search history.

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#### (57)ABSTRACT

A device includes: a housing having a first component and a second component coupled to one another by a pivot member and movable relative to one another between an open position in which the first component and the second component are in the same plane and a folded position; a first slider slidably received in the first component and a second slider slidably received in the second component, the first slider and the second slider being movable toward the pivot member when the first component and the second component move from the open position to the folded position; and a flexible membrane coupled to the first slider, the second slider and the pivot member; wherein, in the folded position, the flexible membrane is located between the first component and the second component.

## 10 Claims, 46 Drawing Sheets

